

## Progress Report 1/1/15-7/17/15

### Project #09-1277, Qwuloolt Estuary Restoration - Construction

Submitted by Josh Meidav on 07/17/2015

Accepted by Elizabeth Butler on 07/23/2015

#### CONTACTS

**Primary Sponsor:** Tulalip Tribe

**Lead Entity:** Snohomish Basin LE

**Managing Agency:** Rec. and Conserv. Office

**Project Contact:** Kurt Nelson  
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**Alt Project Contact:** Josh Meidav  
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**Billing Contact:** Karen Scott  
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**RCO Grant Manager:** Elizabeth Butler  
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#### COSTS TO DATE

**Project Start Date:** 10/16/2009

**Original End Date:** 01/01/2012

**FundingEnd Date:** 12/31/2015

Funding Formula:	Requested		Original		Current	
Aquatic Lands Enhancement Acct:	\$0.00	(0%)	\$0.00	(0%)	\$456,780.05	(24%)
Puget Sound Acq. & Restoration:	\$500,000.00	(85%)	\$500,000.00	(85%)	\$1,050,000.00	(55%)
Sponsor Match:	\$90,000.00	(15%)	\$90,000.00	(15%)	\$400,000.00	(21%)
<b>Total:</b>	<b>\$590,000.00</b>	<b>(100%)</b>	<b>\$590,000.00</b>	<b>(100%)</b>	<b>\$1,906,780.05</b>	<b>(100%)</b>

**Paid To Date:** \$1,356,102.05

**Remaining RCO Funds:** \$150,678.00

**Advance Balance:** \$0.00

**Admin Limit:** \$0.00

**A&E Limit:** \$0.00

**Match Bank:** \$43,681.80

**Admin Spent:** \$0.00

**A&E Spent:** \$39,396.96 2.06%

**Last Released Billing:** 03/26/2015

**Pending Billing:** No

**Number of Billings:** 8

**AMENDMENTS**

#	Type	Applied Date	Description
12	Cost Change		The project agreement is increased in the amount of \$500,000 of 2015-17 PSAR (effective July 10, 2015) and \$88,500 of sponsor match approved by the SRFB on May 6, 2015 and by the SRFB Technical Review Panel on June 14, 2015, to afford completion of the estuary restoration project, and Special Conditions specifying project deliverables are added.
11	Time Extension	09/10/2014	The project period of 10/16/2009 to 09/30/2014 is extended to allow the contracting party until 12/31/2015 to complete the project.
10	Cost Change	10/31/2014	This amendment 1) increases the project agreement to total \$1,906,780.05 with the addition of \$400,000 of 09-11 return PSAR funds and \$400,000 sponsor match to afford rising construction costs, and 2) expands the scope of work to include the full estuary restoration project, as proposed in the original grant application, all as approved by the SRFB subcommittee on September 4, 2014.
9	Time Extension	05/13/2014	The project period of 10/16/2009 to 06/30/2014 is extended to allow the contracting party until 09/30/2014 to complete the project.
8	Cost Change	09/20/2013	Funding is increased by \$100,000 of 2007-2009 PSAR return funds from 10-1877, to afford higher than anticipated construction costs bringing the total Project Agreement to \$1,106,780.05.
7	Cost Change	08/06/2013	Funding is increased by \$50,000 of 2007-2009 PSAR return funds, to afford higher than anticipated construction costs bringing the total Project Agreement to \$1,006,780.05.
6	Time Extension	06/13/2013	The project period of 10/16/2009 to 06/30/2013 is extended to allow the contracting party until 06/30/2014 to complete the project.
5	Time Extension	09/14/2012	The project period of 10/16/2009 to 09/30/2012 is extended to allow the contracting party until 06/30/2013 to complete the project.
4	Special Conditions Change	07/18/2012	Completion of the earlier project, Qwuloolt Estuary Phase II Design (07-1624), was significantly delayed. In order to facilitate closing the 07-1624 project agreement with submittal of 95% Designs, a special condition for completion of the Qwuloolt Estuary restoration final design deliverables is added to this project agreement.
3	Cost Change	03/07/2012	This PSAR funded project provides the primary source of match for the ALEA funded project No. 06-1604 "Qwuloolt Estuary Restoration and Trail" and is similar in scope and schedule. In order to streamline contracting, this amendment will integrate No. 06-1604 into No. 09-1277 by aligning the scope of work and increasing the agreement amount by \$456,780.05 of unspent ALEA program funds, bringing the project agreement to total \$956,780.05 in funding.
2	Scope Change	01/25/2012	The project scope is changed to remove the levee breach and second year west levee construction, and to add channel restoration with riparian planting.
1	Time Extension	12/06/2011	The project period of 10/16/2009 to 01/01/2012 is extended to allow the contracting party until 09/30/2012 to complete the project.

## PROGRESS REPORT QUESTIONS

#	Question	Answer	Answer Description
1 of 4	Are there any significant challenges that might hinder progress or keep you from meeting your project milestones? If so, please tell us about them.	Yes	Due to an inaccurately assessed flowage easement that was brought to light only recently and is actually owned privately, we are in the process of negotiating a mutually agreed built protection with the property owner. We are optimistic as to being able to complete this within the time frame prior to scheduled breach at the end of August 2015. In addition, we have had another last second request for cost adjustments from USACE. We are in discussion with USACE staff as to the possibility of USACE covering cost adjustments due to project credits/savings from design and material adjustments.
2 of 4	Describe the work accomplished during this reporting period.		We have developed and contracted native plantings for the wave attenuation berms and have completed Phase 1 of planting the riparian berms (6 of the 12 riparian berms have been planted). We have developed, bid, and committed the contract for completing east side stormwater elements. We are coordinating with the USACE and their contractors the task and schedule of operations for completion of the project through and beyond levee breach. We have completed project as-built surveys and developed iterative proposals to protect private property along the north boundary of the project, previously incorrectly assessed as having a flowage easement. In addition, we have secured additional funding from NEP return funds as well as SRFB funds to ensure project funding through completion. We have developed a scope of work for completing additional wave attenuation berms, reed canary grass mowing, and debris removal. We have instrumented Allen and Jones Creeks with dataloggers that measure conductivity, depth, and temperature to understand the change over time as the site evolves post-restoration. We have monitored the site for erosion and sediment control BMPs and continued to document through photopoints the different portions of the project.
3 of 4	Do you anticipate any changes to your project? Please describe those changes here.	No	
4 of 4	Tell us about work planned for the next reporting period.		We plan to complete the setback levee, eastside stormwater elements, interior wave attenuation berms, reed canary grass treatment, debris removal, property protection elements, breach the levee on Ebey Slough, complete westside stormwater pond, seal tidegates on Jones Creek, and finish planting native plants on already built and to-be built berms. A working project schedule in table format is attached to this progress report.

## MILESTONES

Milestone	Target Date	Description	Completed	Delayed	New	Progress/Reason for Delay
					Target Date	
Project Start	10/16/2009		X			
Cultural Resources Complete	10/16/2009	Completed in 2008	X			
Applied for Permits	03/01/2010	Federal permits were submitted in 2009	X			
Progress Report Submitted	03/15/2011		X			
Annual Project Billing	03/15/2011	and at least once per year thereafter	X			
Progress Report Submitted	09/30/2011		X			
Progress Report Submitted	03/16/2012		X			
RFP Complete/Consultant Hired	05/30/2012	was 07/01/2011	X			
Annual Project Billing	07/31/2012		X			
Progress Report Submitted	07/31/2012		X			
Permits Complete	09/21/2012		X			
Bid Awarded/Contractor Hired	09/24/2012		X			
Progress Report Submitted	12/31/2012		X			
Restoration Started	02/13/2013	USACE portion	X			
Progress Report Submitted	04/30/2013		X			
Final Design to RCO	07/31/2013	Per Special Condition to Grant Agreement	X			
Progress Report Submitted	09/30/2013		X			
Progress Report Submitted	12/31/2013		X			
Progress Report Submitted	03/31/2014		X			
Annual Project Billing	11/30/2014		X			
Progress Report Submitted	12/31/2014		X			
Progress Report Submitted	06/01/2015		X	X	07/17/2015	The delays in reporting have been due to multiple competing project funding, contracting, and on-site construction coordinating priorities.
Progress Report Submitted	09/30/2015					
Restoration Complete	10/31/2015	Setback Levee & Breach				
Agreement End Date	12/31/2015					
Final Report in PRISM	12/31/2015					
Final Billing to RCO	02/28/2016					
Final Design to RCO	02/28/2016	As-built with lessons learned report (Special Condition from SRFB Technical Review Panel)				
Stewardship Plan to RCO	02/28/2016					

## PERMITS

Type	Applied Date	Received Date	Expiration Date	Permit Number	Comments
Clear & Grade Permit	08/01/2012	10/9/2012		G12-0023 and C	
Cultural Assessment [Section 106]		12/9/2008		120808-24-COE	Survey in 2006 and 2008. Determination of No Historic Properties Affected.
Dredge/Fill Permit [Section 10/404 or 404]	05/28/2010	11/16/2010		NWS-2010-007	
Endangered Species Act Compliance [ESA]		1/12/2009		13410-2009-I-01	USFWS Fish Passage/Habitat Restoration Programmatic, NMFS Section 4(d) Limit Number 8 (Habitat Restoration)
Hydraulics Project Approval [HPA]	08/08/2012	9/5/2012		120658-2	
SEPA	05/28/2010	6/29/2011		PA 10013	
Shoreline Permit	05/28/2010	8/2/2011		PA 10013	This permit was appealed, but permit was upheld 9/13/2011.
Water Quality Certification [Section 401]	12/24/2008	2/4/2009		PI-09-11	Ecology certifies that work complies with CWA and CZMA and State CZMP.

### Permit Questions

#	Question	Answer	Answer Description
1 of 4	Any additional mitigation requirements? If so, please describe.	No	
2 of 4	Are there any additional permits required? If so, please describe.	No	
3 of 4	Tell us about your progress with securing your permits or ESA consultation.		Previously secured.
4 of 4	Did you use the federal permit streamlining process (Limit 8)? If yes, please attach your Limit 8 Self Certification Form.	No	